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|--------|--|---|--|--------------------|---------------------|--|
| Subj | ect: X17 Transport Hi | ıtch Radiological Inter | lock Test | 6/26/03 | | |
| Prep | ared/ M. Buckley | Approved By: S. Bud | | | | |
| *Appro | oval signatures on file with master co | ору. | | | | |
| Tes | t Reason: | | T. (D. 1) | | Periodic Review Log | |
| 103 | t Reason. | | Test Result: | □ Passed | ☐ Failed | |
| | | | Test Type: | □ Full | ☐ Partial | |
| | t Date: | | Start Time: | Finish | Time: | |
| | ter 1: | | Assistant 1: | | | |
| Tes | ter 2: | | Assistant 2: | | | |
| Ver | n off 'Red Tag' switch on x rify that vacuum valves and able X-17B1 and X17C. Search the transport hutc | h The overhead lig The red interior The audible alar | ghts go out light comes on m sounds for 13 | | | |
| 2. | Open hutch door | The interlock sign | | ut | | |
| 3. | Press CS-1, close hutch of | | ghts come on in | not more than 20 | | |
| | Press CS-E. | Interlock does n | ot activate | | | |
| 4. | Press interior search button, close door, press CS-E, note that alarm comes on, open and close door, press CS-E again. (This must all be done in less than the timeout interval noted in step 3). Interlock does not activate | | | | | |
| 5. | X17B Put X-17B1 in white moo | | | terlocks. Search t | | |
| | | | | of the warning in | | |

| | <u>X17 '</u> | Transport Hutch | Radiological | l Interlock | Test | |
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| 6. | The person inside press | es an Emergency Sto | on Rutton | | | |
| 0. | The person made press | es an Emergency su | op Button. | | ES1 | ES2 |
| | The X | 17B1 shutter "enable | e" light goes o | ut | | |
| | | S indicator at the train | | | - | |
| | | S latch cannot be res | • | | | |
| | turned | I | | | | |
| 7. | At transport hutch, plac on the three door switch BLISS. | nes. Search hutch, po | - | | | |
| | Remove holder from sw | | n light comes o | nn | | |
| | | KID luter | i iigiit coilies c | ,11 | | |
| 8. | Replace holder on switch | | | | | |
| | | RIB cann | ot be reset unl | less SOR ke | y is turned | · |
| 9. | Remove holder on swite | ch 1. | | | | |
| | | STRESS s | shutter closes | | | |
| | | BLISS shu | utter closes | | | |
| | | | light comes or | | | |
| | | | tch interlock d | | | |
| | | RIA can't | be reset w/o S | OR | | |
| 10. | Replace holder on swit | Transport | and leave STR Hutch Kirk ke ss button is pus | y (KKH) ca | | moved from |
| 11. | Open STRESS & BLIS | SS. | | | | |
| | · P · · · · · · · · · · · · · · · · · · | | not be removed | d even if but | ton is push | ned |
| 12. | Close shutters. Turn to button and turn key just switch. Release the buremove KKH, and replacement | st beyond this point, atton and leave key in lace. RIA latch RIB latch | but not far end in this position. light comes or light comes or | ough to actua Open STR | ate "key re | moved" |
| | | The STRE | | | | |
| | | The BLIS | S closes | | | |
| 13. | Reset RIA and RIB. C | Open safety shutter, a | and press an en | nergency sto | p button. | |
| | | - | light comes or | | - | |
| | | | light comes or | | | |
| | | Hutch inte | erlock drops ou | ıt | | |
| Re | eset RIA, RIB and ES | | | | | |

| X17 Transport Hutch Radiological Interlock Test | | | | | | | |
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| 14. | Search transport hut (mono) position. O door switch 2B. | pen STRESS (| BLISS stay | | Remove hold | | |
| | Replace holder on s Reset RIA, RIB and | witch 2B and 1 R S | elease swi | tch 1. ght comes or | | | |
| | • | | | | | | |
| 15. | ZI7C Search X-17C hutch | Т | he Safety S | Shutter "enal | s. Search tra ble" light at t d of the warn | the X17C l | hutch does |
| 16. | Press an Emergency | Stop Button i | n the trans | port hutch. | | ES1 | ES2 |
| | | The ES indi | cator come h cannot b | able" light goes on e reset unless | | | |
| 17. | Search transport hut Remove holder from | n switch 2C. | - | open X-170 | • | ters. | |
| 18. | Replace holder on s | | IB cannot | be reset unle | ess SOR key | is turned | |
| 19. | Remove holder on s | S R H | utch interl | er closes ght comes or ock drops ou e reset w/o So | ıt | | |
| 20. | Replace holder on s | T | ransport H | | y (KKH) car | | moved from |
| 21. | Open safety shutter. | | KH canno | t be removed | l even if butt | ton is push | ned |
| 22. | Close shutter. Turn and turn key just be the button and leave | yond this poin this poin this po R R | t, but not fa sition. Op IA latch lig IB latch lig | ar enough to | actuate "key atters, remov n | removed' | switch. Release |

| X17 Transport Hutch Radiological Interlock Test | | | | | | | |
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| 23. R | eset RIA and RIB. Se | RIA latch lig RIB latch lig | ght comes on ght comes on | | stop button. | | |
| R | X17C BLISS & STRESS close Reset RIA, RIB and ES | | | | | | |
| 24. So cl | • | nsport hutch door sw RIB latch lig | itch 2C. ght comes on | | BLISS remains | | |
| cl | lose X17C STRESS. sosed until the X17C Spen X17C BLISS and | Search hutch. Turn o TRESS remains close | ff air to X17 ed when oper | C STRESS, cycle shut | ter open & | | |
| | eplace holder on switc | h 2C and release swit RIA latch lig BLISS close | ght comes on | | | | |
| R | eopen the air valve. | | | | | | |
| | emove the holders from | utch and open and clo | ose the door. or switches o | tch. Remove the latch perate freely and each or is opened | device from the | | |
| | | | | | | | |

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